

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool Blanco Formation Mesa Verde County San Juan
Well Name Florance No. 1 70-128
Unit A S 24 T 30 R 10 Pay Zone 4524 To 5174 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 5198 Tubing O D 2.375 I D 1.995 L 5112 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia 80 Period Of Test Flow From 7-6-65 To 7-14-65 SIP Measured 5-10-65

Deadweight Flowing Pressure, psia Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing 899 (j) Tubing 897 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 479 (g) Corrected 479 (h) P_f 479 (i) Gravity .695

G. L. = 3553 ✓ 1-e^{-s} = .228 F_c 9.402 (F_cQ)² 65.837

(1-e^{-s}) (F_cQ)² = R² = 15011 ✓ P_i² = 229441 ✓ P_w² = 244452 ✓

Q = $\frac{863}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{863}{1} = 863$

D=Q $\frac{863}{1} \times \left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{291240}{563749} \right]^n = \frac{(.5166)^n}{.6100} = 526$ ✓

REMARKS

SUMMARY

P_c = 899 ✓
Q = 863 ✓
P_w = 494 ✓
P_d = 719 ✓
D = 826 ✓

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title SENIOR GAS ENGINEER
Witnessed By
Company

